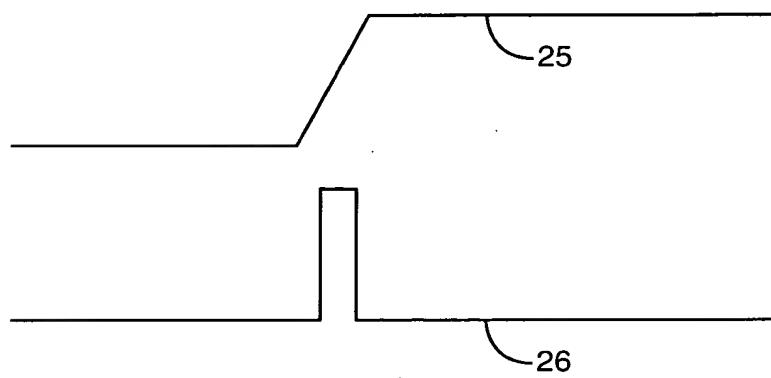
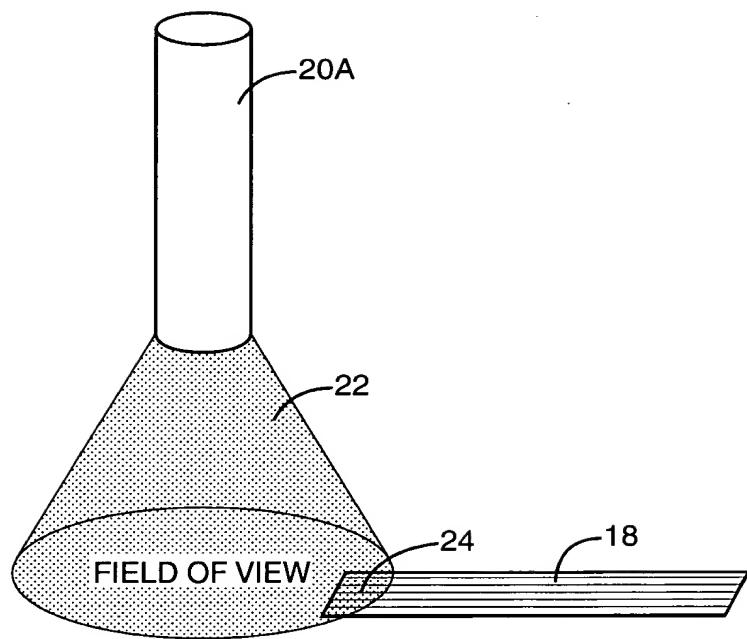


FIG. 1



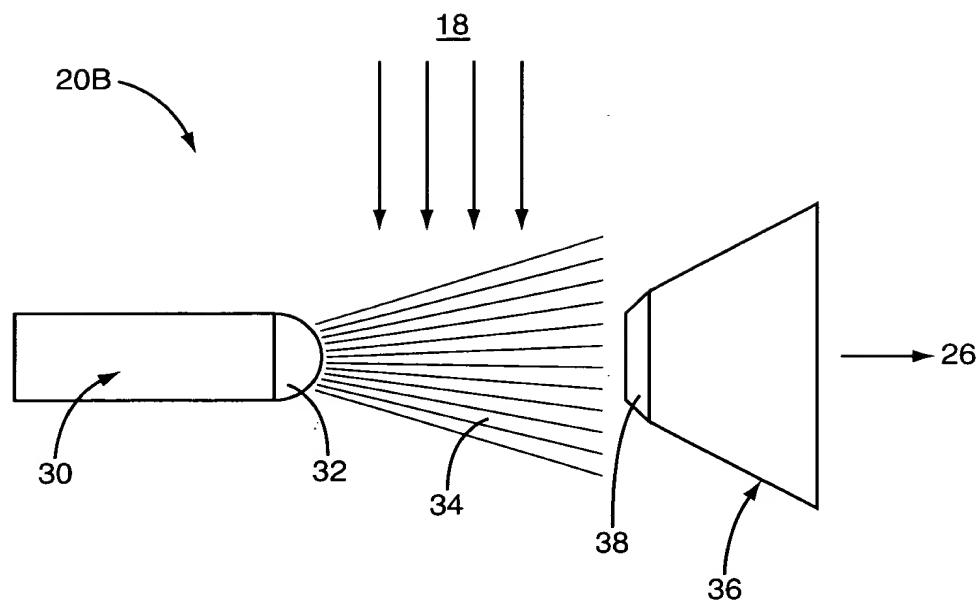


FIG. 3A

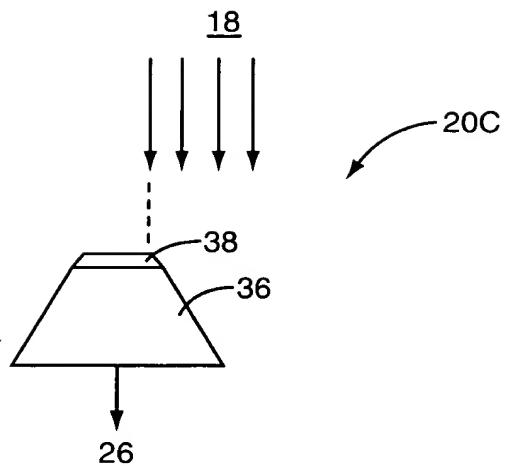


FIG. 3B

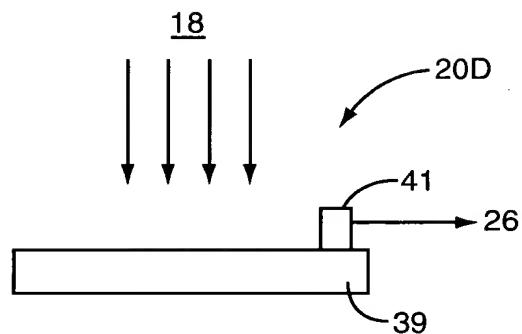


FIG. 3C

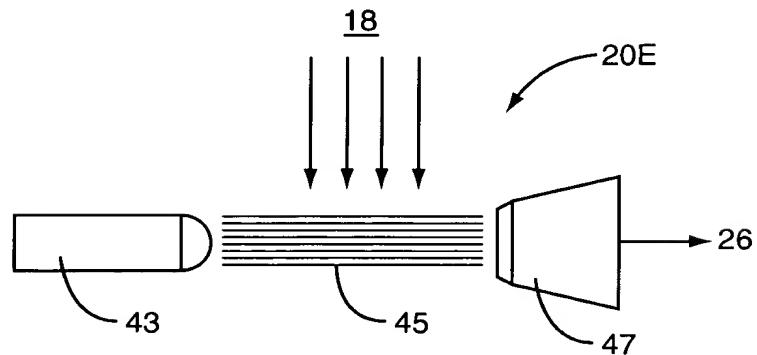


FIG. 3D

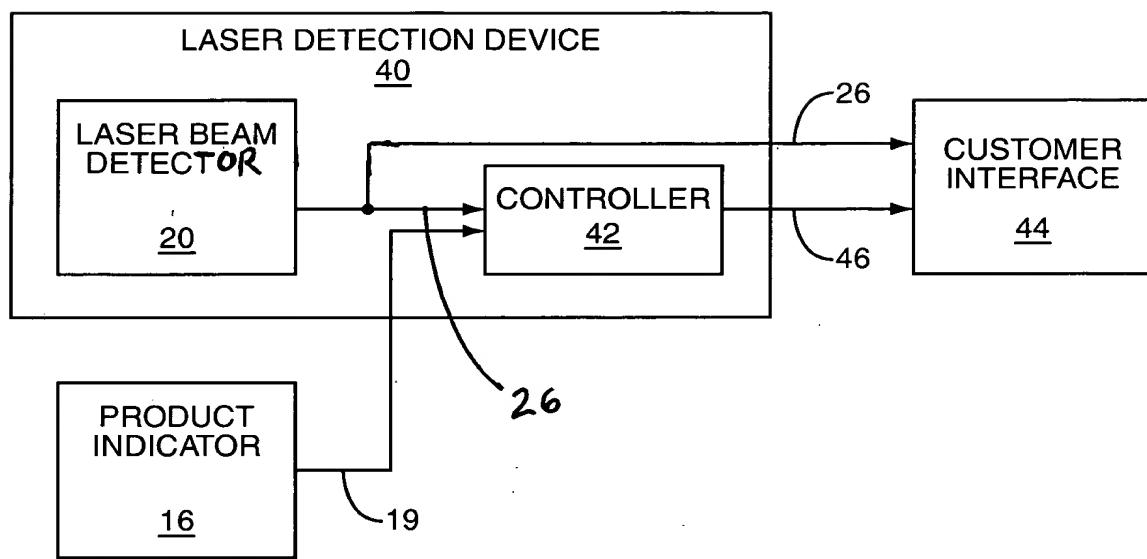


FIG. 4

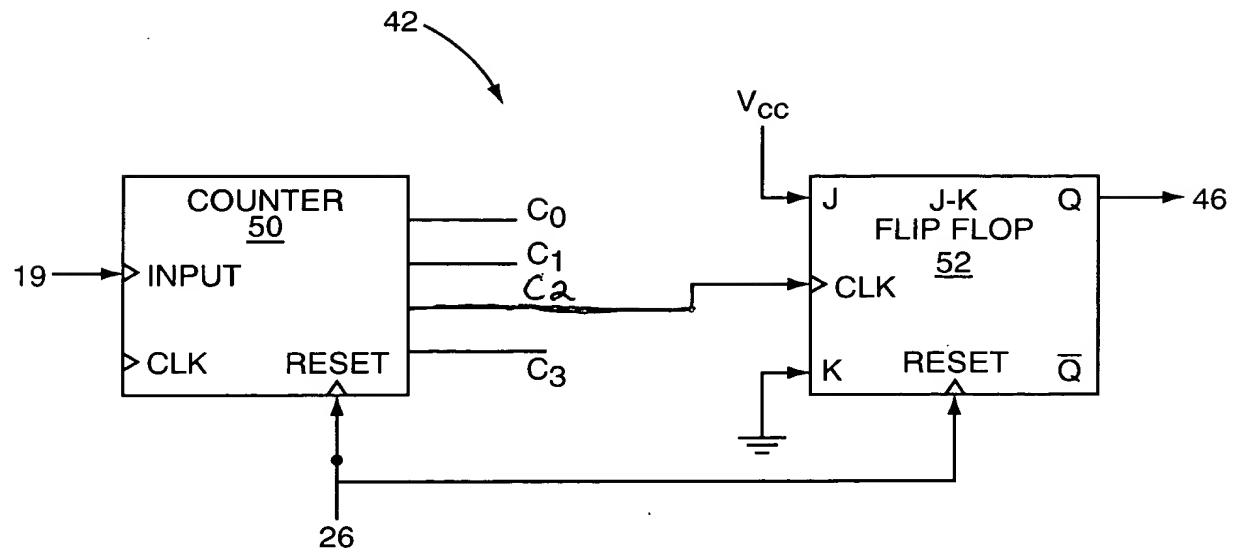


FIG. 5A

CLOCK CYCLE	PRODUCT INDICATOR SENSOR SIGNAL (19)	COUNTER C_2	J-K FLIP-FLOP (52)			
			J	K	CLOCK	Q(46)
1	1	0	1	0	0	0
2	1	0	1	0	0	0
4	1	1	1	0	0	1

FIG. 5B

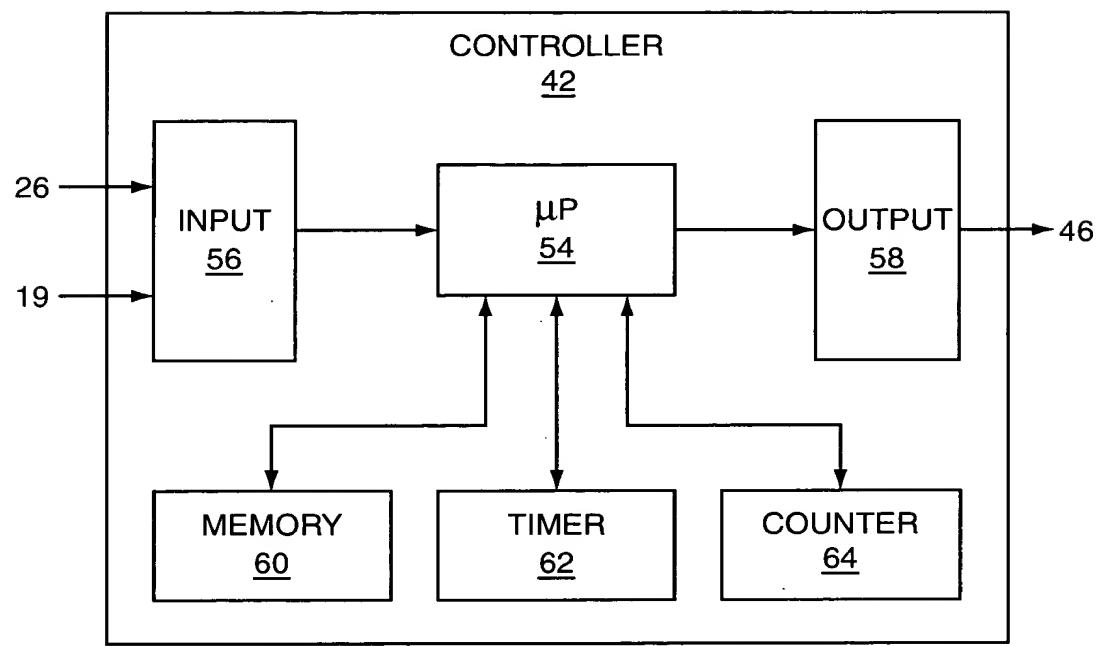


FIG. 6

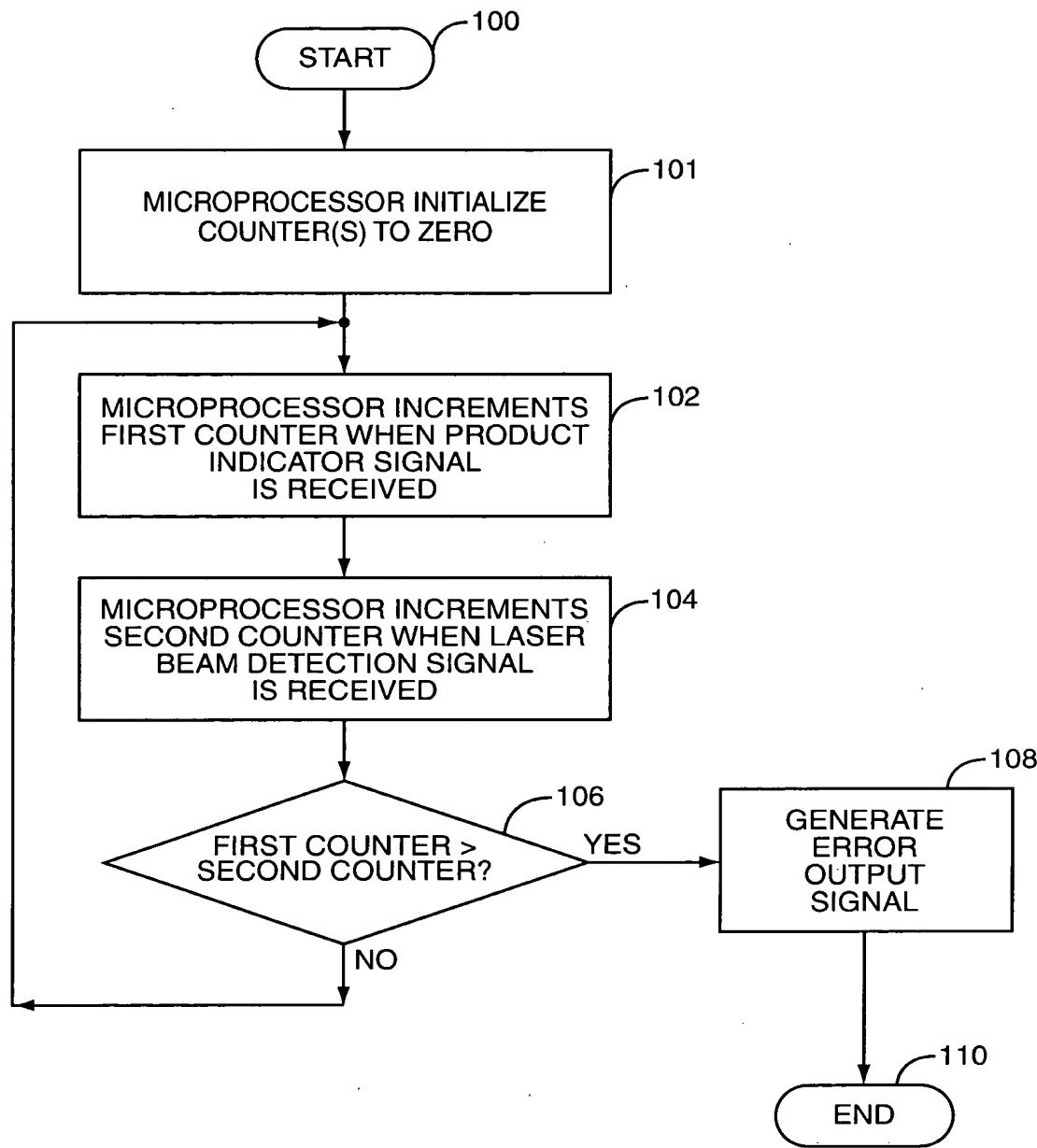


FIG. 7

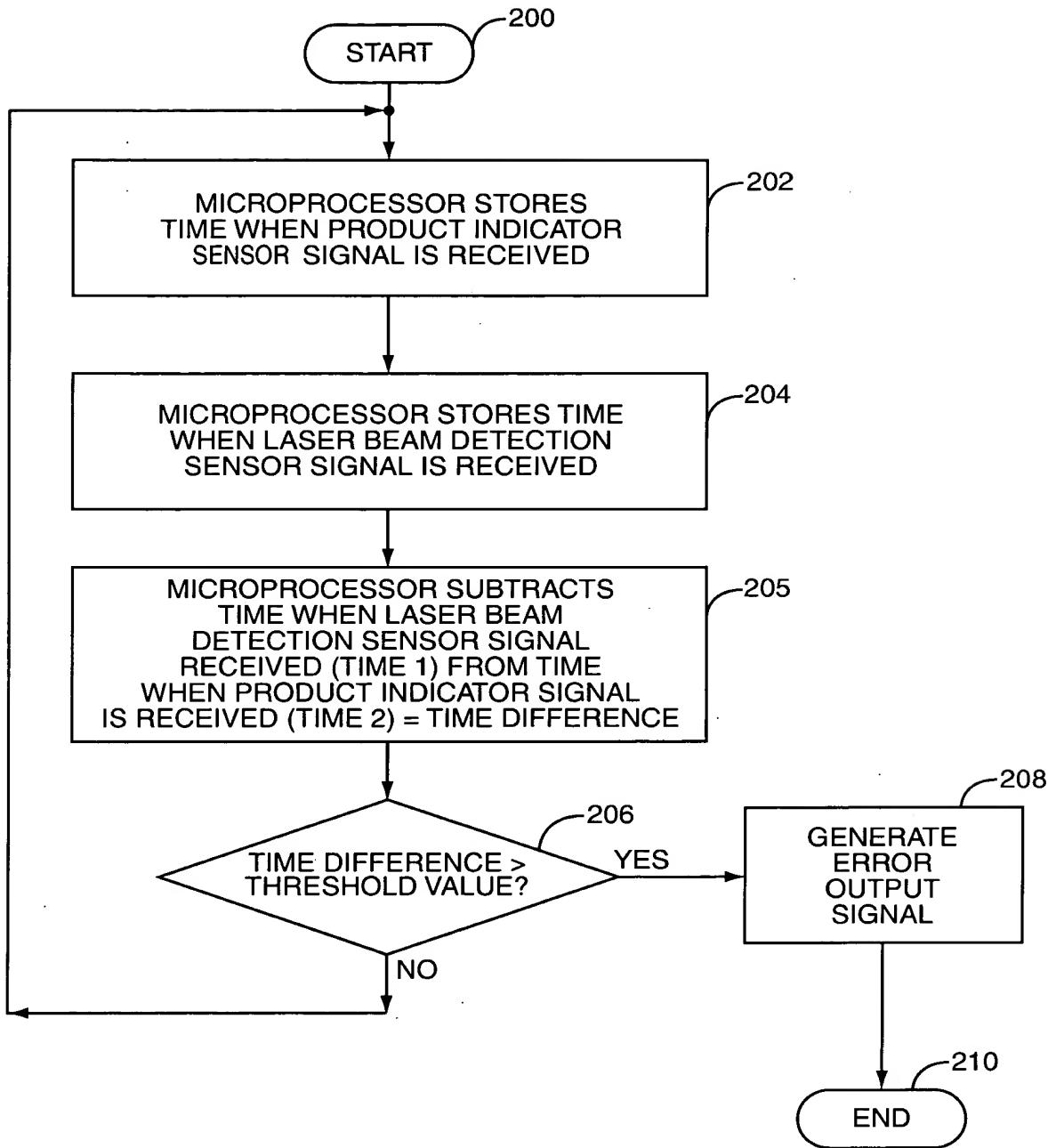


FIG. 8